

# Year 2 Science: Uses of Everyday Materials

| Key Vocabulary |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| properties     |    |
| glass          |    |
| fabric         |    |
| plastics       |    |
| metal          |    |
| wood           |    |
| object         |  |
| materials      |  |

At the end of this topic I will

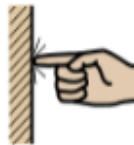
 Know  that  materials  are picked  for a specific  purpose because of

 their  properties

 Know  that  different  materials  like fabric,  metal,  plastic and

 wood,  have  special  properties, such as being  bendy.

## Properties



hard



soft



bendy

Jobs related to our topic:



research



scientist



materials



engineer

Scientist study

John Dunlop



## Objects:

An **object** is something you can see and touch.

## Materials:

A **material** is what something is made of.

## Interesting facts:

**Paper is made from trees:** Paper comes from trees. The wood is turned into a soft, wet material called pulp to make paper.

**Wool keeps us warm:** Wool comes from sheep. It is used to make warm clothes like jumpers and hats because it helps keep heat in.

# Year 2 Science: Uses of Everyday Materials

## Key Vocabulary

|            |                                                                                     |                                                                           |
|------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| materials  |    | Materials are what objects are made of.                                   |
| properties |    | The special qualities or features of something.                           |
| glass      |    | A clear, hard material used for windows and cups.                         |
| fabric     |    | Soft materials, like cotton, used for clothes.                            |
| plastics   |    | Strong, waterproof materials made by people.                              |
| metal      |    | A strong, shiny material used to make things like tools, coins, and cars. |
| wood       |   | A material from trees used for furniture and paper.                       |
| object     |  | Items you can touch.                                                      |
| compare    |  | What is the same and what is different.                                   |

At the end of this topic I will know:

Materials are chosen for objects because of their special features.

Glass is made by melting sand. It's clear and can be shaped. Thick glass is strong, but thin glass can break.

Fabrics can stretch, keep heat in, or soak up water.

Metal pans are strong, shiny, and can be shaped. They also carry heat and electricity.

Plastic is strong, waterproof, and can be shaped by heat. It keeps heat in or out and doesn't carry electricity.

Wood comes from trees. It's strong, bendy, and keeps heat and electricity away.

Fabrics are used for clothes because they're soft, warm, and last a long time.

## Properties



hard



soft



shiny



dull



waterproof



bendy



rough



smooth

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